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Chen 1-18

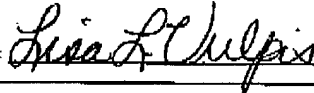
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Y. Chen et al.
Case: 1-18
Serial No.: 09/608,639
Filing Date: June 30, 2000
Group: 2828
Examiner: Cornelius H. Jackson

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Examiner Cornelius H. Jackson of the United States Patent and Trademark Office at
(371) 273-1942.

Signature:



Date: September 17, 2004

Title: System Comprising Optical
Semiconductor Waveguide Device

LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As per your request, listed below are claims 2 and 12-15 of the above-identified application.
Please let us know if you require any additional information.

2. (Previously presented) The system of claim 1, wherein the coupling efficiency is at least 50% with or without the presence of coupling optics located between the gain medium and the optical waveguide.

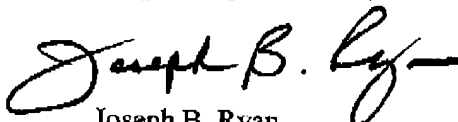
12. (Previously presented) The system of claim 11, wherein the coupling efficiency is at least 50%.

13. (Original) The system of claim 11, wherein the bit error rate of the system is less than 10^{-9} .

14. (Original) The system of claim 13, wherein the bit error rate of the system is less than 10^{-12} .

15. (Original) The system of claim 13, wherein the laser is operated at 2.5 GHz or greater.

Respectfully submitted,



Date: September 17, 2004

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DATE: September 17, 2004**FILE:** Serial No. 09/608,639
Attorney Docket No. Chen 1-18Facsimile Message From: **JOSEPH B. RYAN**

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